

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,014,707 B2  
APPLICATION NO. : 09/487718  
DATED : March 21, 2006  
INVENTOR(S) : Mitsuaki Amemiya

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**COLUMN 6**

Line 26, "deposit" should read --be deposited--.

**COLUMN 9**

Line 52, "is (second occurrence) should read --are--;

**COLUMN 10**

Line 33, "is continued being descended" should read --continues to descend--;

Line 34, "occure" should read --occur--;

Line 35, "not" should read --not only--;

Line 65, "of" should be deleted; and

Line 67, "of" should be deleted.

**COLUMN 12**

Line 1, "is escaped" should read --escapes--.

**COLUMN 14**

Line 18, "is continued being descended" should read --continues to descend--.

**COLUMN 18**

Line 62, "vacuum" should read --in a vacuum--.

**COLUMN 19**

Line 30, "vacuum," should read --in a vacuum--; and

Line 33, "vacuum" should read --in a vacuum--.

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**COLUMN 29**

Line 60, "wire3 33" should read --wires 33--.

**COLUMN 30**

Line 6, "vacuum" should read --in a vacuum--.

**COLUMN 31**

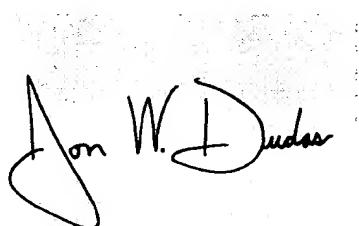
Line 9, "upward" should read --upwardly--.

**COLUMN 33**

Line 2, "be" should be deleted.

Signed and Sealed this

Twenty-third Day of January, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*